

ABSTRACT OF THE DISCLOSURE

A system and method for switching a communication mode of a pad-detachable refrigerator, wherein the attachment/detachment of a client pad to/from the refrigerator is sensed and the communication mode of the refrigerator with the client pad is switched to a wired/wireless communication mode according to the sensed result so that signals can be transmitted and received in the switched communication mode.

The client pad is detachably attached to the outer surface of the refrigerator. A communication module set is installed in the refrigerator to transmit and receive signals to/from the client pad by wire or wirelessly. A refrigerator control unit is adapted to control the communication module set to automatically switch the communication mode of the refrigerator with the client pad to the wired/wireless communication mode according to the attachment/detachment of the client pad. Therefore, the present invention has the effect of increasing the client pad's use efficiency and user's convenience, and stability of signal transmission and reception owing to the automatic switching between the wired communication mode and the wireless communication mode.